

U.S. Patent No. 6,767,727

## RESULT 2

US-10-314-881-3

; Sequence 3, Application US/10314881

; Patent No. 6767727

; GENERAL INFORMATION:

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; TITLE OF INVENTION: 22438, 23553, 25278, and 26212 No. 6767727e1

; TITLE OF INVENTION: Human Sulfatases (A CIP Application)

; FILE REFERENCE: 35800/208398(5800-79

; CURRENT APPLICATION NUMBER: US/10/314,881

; CURRENT FILING DATE: 2002-12-09

; PRIOR APPLICATION NUMBER: US/09/773,426

; PRIOR FILING DATE: 2001-01-31

; PRIOR APPLICATION NUMBER: US 09/495,823

; PRIOR FILING DATE: 2000-01-31

; NUMBER OF SEQ ID NOS: 14

; SOFTWARE: FastSEQ for Windows Version 4.0

; SEQ ID NO 3

; LENGTH: 871

; TYPE: PRT

; ORGANISM: homo sapiens

US-10-314-881-3

Query Match 100.0%; Score 4729; DB 2; Length 871;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 871; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1 MKYSCCALVLAVLGTSLCSTVRSRFRGRIQKERKNIRPNILVLTDDQDVELGSL 60
        |||
Db      1 MKYSCCALVLAVLGTSLCSTVRSRFRGRIQKERKNIRPNILVLTDDQDVELGSL 60

Qy     61 QVMNKTRKIMEHGGATFINAFVTTMCCPSRSSMLTGKYVHNHNVYTNNENCSSPSWQAM 120
        |||
Db     61 QVMNKTRKIMEHGGATFINAFVTTMCCPSRSSMLTGKYVHNHNVYTNNENCSSPSWQAM 120

Qy    121 HEPRTFAVYLNNTGYRTAFFGKYLNEYNGSYIPPGWREWLGLIKNSRFYNYTVCRNIGKE 180
        |||
Db    121 HEPRTFAVYLNNTGYRTAFFGKYLNEYNGSYIPPGWREWLGLIKNSRFYNYTVCRNIGKE 180

Qy    181 KHGFDYAKDYFTDLITNESINYFKMSKRMYPHRPVMVISHAAPHGPEDSAPQFSKLYPN 240
        |||
Db    181 KHGFDYAKDYFTDLITNESINYFKMSKRMYPHRPVMVISHAAPHGPEDSAPQFSKLYPN 240

Qy    241 ASQHITPSYNYAPNMDKHWIMQYTGPMPLPIHMEFTNILQRKRLQTLMSVDDSVRLYNML 300
        |||
Db    241 ASQHITPSYNYAPNMDKHWIMQYTGPMPLPIHMEFTNILQRKRLQTLMSVDDSVRLYNML 300

Qy    301 VETGELENTYIIYTADHGYHIGQFGLVGKSGMPYDFDIRVPFFIRGPSVEPGSIVPQIVL 360
        |||
Db    301 VETGELENTYIIYTADHGYHIGQFGLVGKSGMPYDFDIRVPFFIRGPSVEPGSIVPQIVL 360

Qy    361 NIDLAPTILDIAGLDTTPDVGKSVLKLDPKPGNRFRTNKKAKIWRDTFLVERGKFLR 420
        |||
Db    361 NIDLAPTILDIAGLDTTPDVGKSVLKLDPKPGNRFRTNKKAKIWRDTFLVERGKFLR 420

Qy    421 KKEESSKNIQQSNHLPKYERVKELCQARYQTACEQPGQKWQCIEDTSGKLRHCKGPS 480
        |||
Db    421 KKEESSKNIQQSNHLPKYERVKELCQARYQTACEQPGQKWQCIEDTSGKLRHCKGPS 480

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Qy	481	DLLTVRQSTRNLYARGFHDKDKECSCRESGYRASRSQRKSQRQFLRNQGTPKYKPRFVHT	540
Db	481	DLLTVRQSTRNLYARGFHDKDKECSCRESGYRASRSQRKSQRQFLRNQGTPKYKPRFVHT	540
Qy	541	RQTRSLSVEFEGEIYDINLEEEELQVLQPRNIAKRHDEGHKGPRDLQASSGGNRGRMLA	600
Db	541	RQTRSLSVEFEGEIYDINLEEEELQVLQPRNIAKRHDEGHKGPRDLQASSGGNRGRMLA	600
Qy	601	DSSNAVGPPTTVRVTHKCFILPNDSIHCERELYQSARAWKDHKAYIDKEIEALQDKIKNL	660
Db	601	DSSNAVGPPTTVRVTHKCFILPNDSIHCERELYQSARAWKDHKAYIDKEIEALQDKIKNL	660
Qy	661	REVRGHLKRRKPEECSCSKQSYNKEKGVKKQEKLSHLHPFKEAAQEVD SKLQLFKENN	720
Db	661	REVRGHLKRRKPEECSCSKQSYNKEKGVKKQEKLSHLHPFKEAAQEVD SKLQLFKENN	720
Qy	721	RRRKKERKEKRRQRKGEECSLPGLTCFTHDNNHWQTAPFWNLGSFCACTSSNNNTYWCLR	780
Db	721	RRRKKERKEKRRQRKGEECSLPGLTCFTHDNNHWQTAPFWNLGSFCACTSSNNNTYWCLR	780
Qy	781	TVNETHNFLFCEFATGFLEYFDMNTDPYQLTNTVHTVERGILNQLHVQLMELRSCQGYKQ	840
Db	781	TVNETHNFLFCEFATGFLEYFDMNTDPYQLTNTVHTVERGILNQLHVQLMELRSCQGYKQ	840
Qy	841	CNPRPKNLDVGNKDGGSYDLHRGQLWDGWEG	871
Db	841	CNPRPKNLDVGNKDGGSYDLHRGQLWDGWEG	871